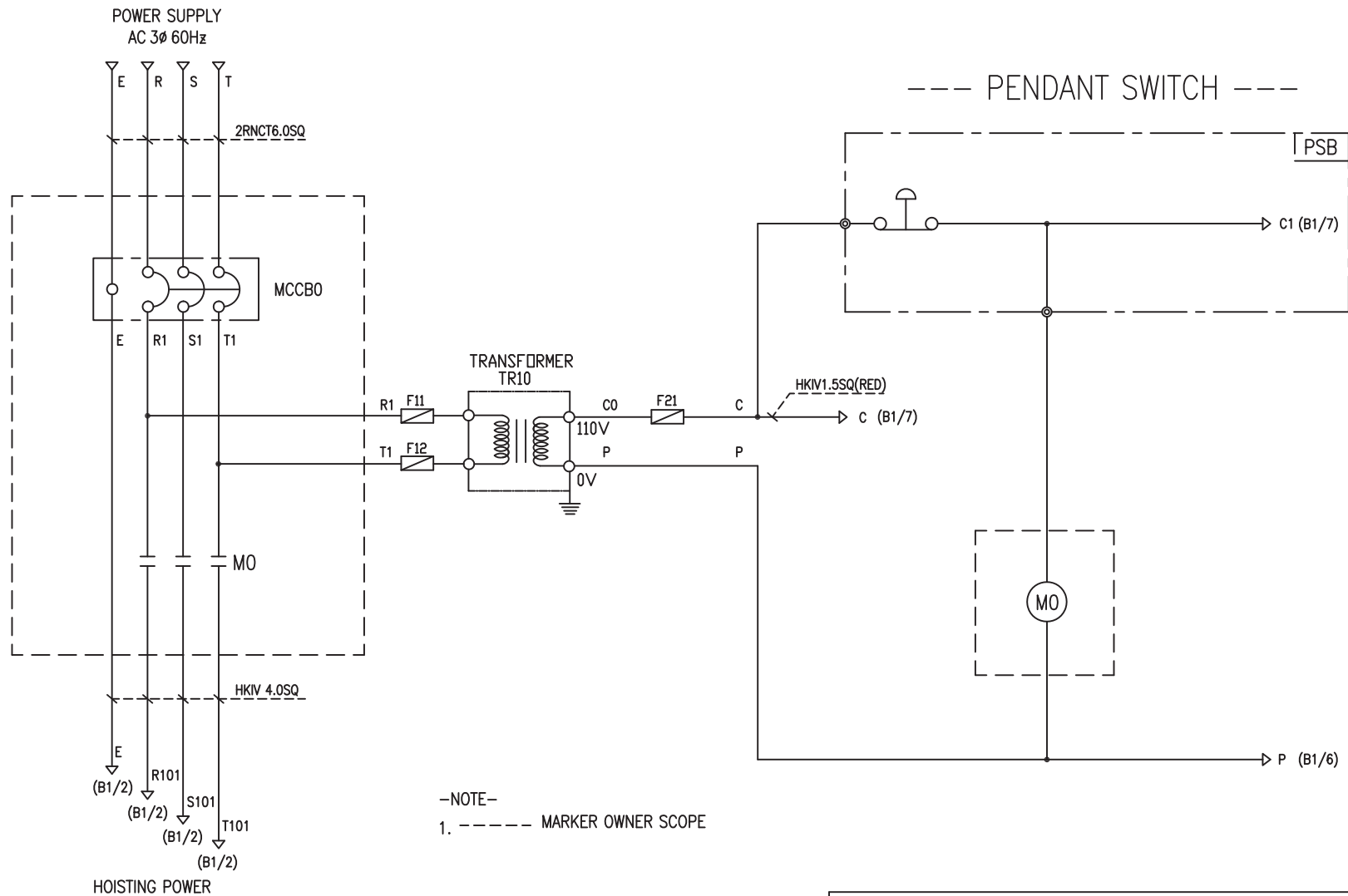


1	2	3	4	5	6	7	8	9	10		
POWER CIRCUIT					CONTROL CIRCUIT					ADDRESS NO.	A1

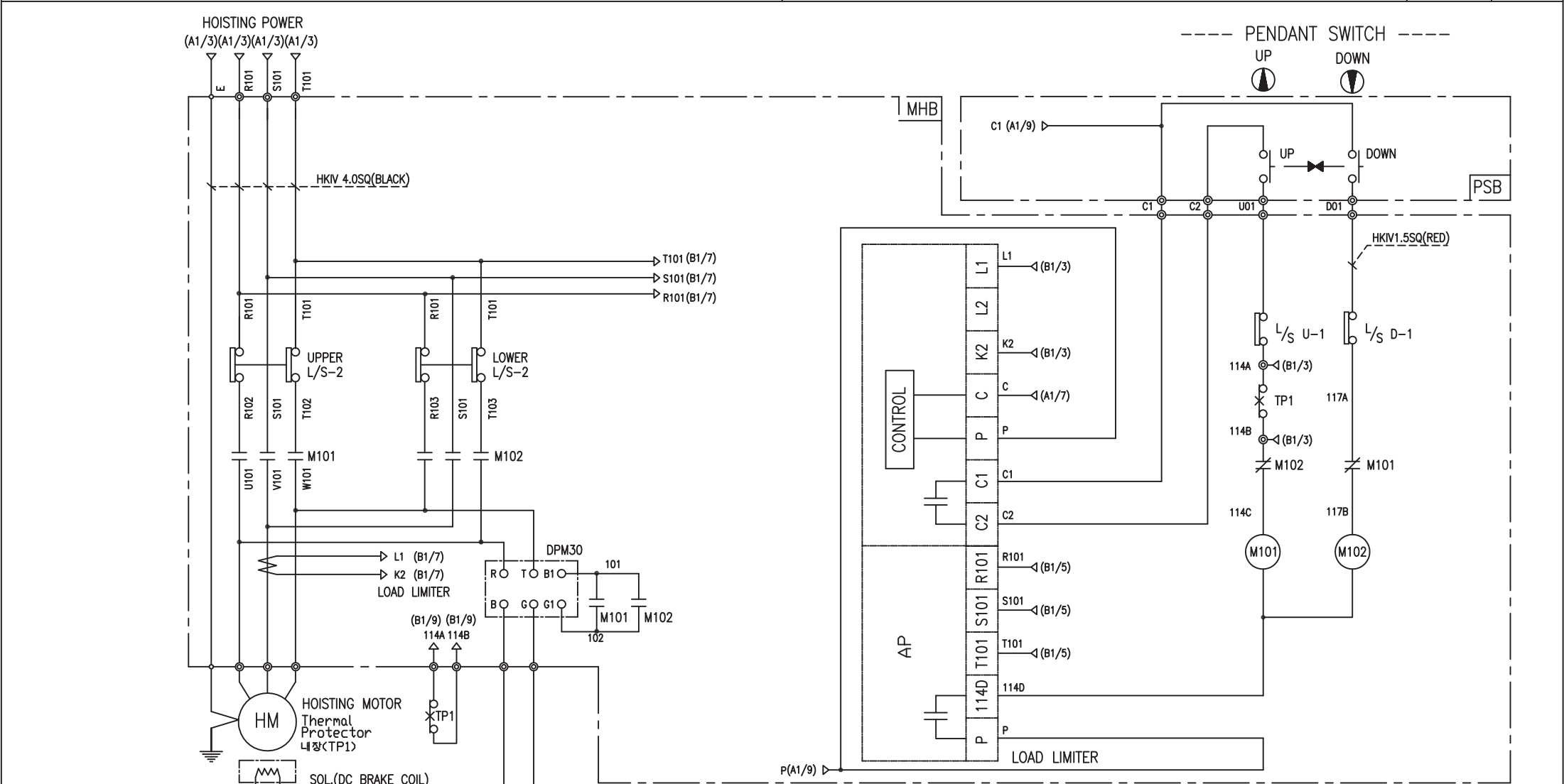


-NOTE-

1. ----- MARKER OWNER SCOPE

SPECIFICATION	NO FUSE BREAKER		MAGNET CONTACT		TRANSFORMER	FUSE
SYMBOLS	MCCB0		M0		TR10	F11, F12, F21
DESCRIPTION	220V	30A	GMC22	DMC-22	60VA	1A
	380V	20A				
	440V	20A				
	460V	20A				
	480V	20A				
MAKER	LS		LS	DONGA	LK	—

TITLE					PROJECTION	
MAIN POWER & CONTROL CIRCUIT DIAGRAM						
WORK	NO	WORK			NAME	
601		DA			SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V			1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	DA	
LEE.G.H				CODE	NO	
2010.07.30						
 L K HOIST CO., LTD.						



-NOTE-

1.  : Mechanical Interlock

SPECIFICATION	MAGNET CONTACT		LOAD LIMITER	SILICON RECTIFIER				Thermal Protector	HOIST MOTOR
SYMBOLS	M101, M102		-	DPM30				TP1	HM
DESCRIPTION	DMC-22	GMC-22	LKDL-60A	AC220V	AC440V	AC460V	AC480V	17AM032	3.5Kw * 4P
				DC99V	DC198V	DC207V	DC216V		
MAKER	DONG-A	LS	LK	LK				Texas Instruments	LK

TITLE								PROJECTION	
HOIST POWER & CONTROL CIRCUIT DIAGRAM									
WORK NO		WORK NAME						SCALE	
602		DA						Q' TY	
		220V, 440V, 460V, 480V						1/1	
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL		DA			
LEE.G.H									
2010.07.30				CODE NO					
 L K HOIST CO., LTD.									

SPECIFICATION FOR ELECTRIC MOTORS	INTERNAL IDENTIFICATION NO.	PAGE : REV :
SCHEDULE OF TECHNICAL DATA		
1. SERVICE	HOISTING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	3.5 - 4 - 48	
4. RATED POWER	3.5 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	480 V	60HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	30 MIN	
8. LOCATION	IN-DOOR , OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	80℃	
11. FULL LOAD SPEED	1740 RPM	
12. FULL LOAD CURRENT	7.9 A	
13. STARTING CURRENT AT RATED VOLTAGE	38.5 A	
14. MINIMUM STARTING VOLTAGE	432 V	
15. EFFICIENCY AT 100% RATED LOAD	73.5 %	
16. POWER FACTOR AT 100% RATED LOAD	73.0 %	
17. STARTING TORQUE	247 %	
18. TYPE OF ENCLOSURE	전폐형(IP-54)	
19. TYPE OF BEARING	PL : 6205DD OPL : 6008ZZ	
20. MOUNTING	VERTICAL	
21. MAXIMUM AMBIENT TEMPURE	40℃	
22. BEARING LUBRICATION	GREASE	
23. STARTING METHOD	FULL VOLTAGE	